

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 73982 Service: DTV Call WSBK-TV Channel: 21 (UHF)

ID: Sign:

0000027826

Number:

File

FRN: **0021079769** Date **03/01**

Submitted: /2018

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------|--------------------|---------------------------------|
| CBS TELEVISION LICENSES LLC Doing Business As: CBS TELEVISION LICENSES LLC | Daniel G. Ryson 1725 DeSales St. NW Suite 501 Washington, DC 20036 United States | +1 (202) 457-4505 | dryson@cbs. com | Limited Liability Company |

Reimbursement Contact Name and Information Reimbursement

| Contact Information | Applicant | Address | Phone | Email |
|------------------------|----------------|---------|-------|-------|
| | [Confidential] | | | |

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------|--------------------|
| Daniel G. Ryson Associate Director of Spectrum Management CBS | Daniel G. Ryson 1725 DeSales St. NW Suite 501 Washington, DC 20036 United States | +1 (202) 457- 4074 | dryson@cbs. com |

Broadcaster Information and Transition Plan

| Question | Response |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes |
| Briefly describe transition plan | American Tower will build an interim site in Needham, MA with broadband ant and tx bldg to be used by WSBK-TV and all stations listed above. Main site will be built in Needham Heights, MA |

Transmitters

| S Section | Question | Response |
|------------------------------|-------------------------------------------|----------|
| Transmitter Related Expenses | Do you have transmitter related expenses? | Yes |

Primary Transmitter

Existing Transmitter Information

| Section | Question | Response |
|----------------------------------|------------------------------------------------------------|-------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter | Manufacturer | |
| Manufacturer and Type | Model | Diamond |
| | Year | 2002 |
| | Туре | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 7 kW |

Primary Transmitter

New Transmitter Costs

| Section | Question | Response |
|-----------------|-------------------------------------------|-------------------------------------------------------------|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | UAXTE- 12R44 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 7.2 kW |
| | Justification for New Transmitter | Existing transmitter cannot be re-tuned to the new channel. |

Primary Transmitter

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | | ı |

| | Description | Surge suppressor and 75 kVa transformer. Required by primary transmitter. See Exhibit 1 Item D. |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Туре | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Other Transmitter Cost Not Listed

Primary
Transmitter Information not provided.

Interim Transmitter

New Transmitter Costs

| Section | Question | Response |
|-----------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | UAXTE- 16R44 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 7.68 kW |
| | Justification for New Transmitter | Interim transmitter needed while construction at the main site is in progress. Our plan once specified a GatesAir UAXTE- 12R44 but that transmitter is said to be unsuitable for interim operation on both channels 39 and 21. |

Interim Transmitter

Other Transmitter Costs

| Section | Question | Response |
|---------|----------|----------|
| 000 | 4400 | response |

| Electrical Service | Service Entrance (3 phases 800A 208V) | Yes |
|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | Yes |
| | Power | 500 k\ |
| | Rigid Conduit and Wiring | Yes |
| | Size | 2 inch |
| | Length | 200.0 |
| | Other Electrical Service | Yes |
| | Description | Transf and su suppre require transm operat See E: 7, Item |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Туре | Coolin Only |
| | Size | 20 ton |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | No |

Interim Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4 Inch Conduit | 100' L/F of 4" conduit and larger conductor to power new transmitters, HVAC, Air handlers and house power. The existing power supply is for the additional power demands of the new repack equipment. See Exhibit 3. |
| New Sub Panels | 4 new sub panels at approximately 200 amps each, to power each additional transmitter, house power, HVAC, and ancillary equipment. See Exhibit 3. |

Antennas

| Section | Question | Response |
|--------------------------|---------------------------------------|----------|
| Antenna Related Expenses | Do you have antenna related expenses? | Yes |

Primary Antenna

Existing Antenna Information

| Section | Question | Response |
|------------------------------|------------------------------------------------------------------|--------------------|
| Existing Antenna Description | Type of change | Lease New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Owner | American Tower |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | Yes |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna | Class | Full Power |
| Manufacturer and Type | Mounting | Top Mount |
| | Antenna position in stack | Тор |
| | Polarization | Horizontal |
| | Туре | Broadband Panel |
| | Number of Stations Supported | 4 |
| | Number of Panels | 99 |
| | Design power capacity in use | 87.0 % |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 698.00 MHz |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 135.0 kW |

| Manufacturer | |
|--------------|---------------------------|
| Model | TAD- 24UDA-5 /60-MR |
| Year | 1999 |

Facility ID's and Call Signs of all stations with whom the antenna is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 72098 | WGBX-TV |
| 25456 | WBZ-TV |
| 65684 | WCVB-TV |

Primary Antenna

New Antenna Costs

| Section | Question | Response |
|----------------------------|----------------------------------------------------------------------|----------------------------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Lease New |
| | Is this a request for upgraded equipment? | Yes |
| | Ownership | Leased |
| | Owner | American Tower Corporation |
| | Is antenna shared? | Yes |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna | Class | Full Power |
| Manufacturer and Types | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Туре | Broadband Panel |
| | Number of Stations Supported | 4 |
| | Number of Panels/Bays | 56 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 608.00 MHz |
| | Design power capacity in use | 99.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 92.2 kW |
| | Manufacturer | |
| | | |

| Model | TUM-AP-O4- 14/56H-2-T |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year | 2020 |
| Justification for New Antenna | Top Mount 14 bay Broadband antenna required to accommodate the new repack frequencies. This antenna will be a four- sided assembly mast. In use power capacity is unknown. Pre- transition antenna has 120 panels. See Exhibit 2. |

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|--------------------------------|-----------------------------------------------------------------------|------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |
| | Туре | New |
| | Number of channels supported | 4 |
| | Frequencies of channels supported | RF channel |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | No |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Broadband |
| | | ' |

| | Feed Line Size | 8 3/16 inches inches |
|--------------------------|-------------------------------------------------------------------------------------------------------------|----------------------|
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Enter a list of RF channel numbers.

| RF Channel Number |
|-------------------|
| 20 |
| 21 |
| 32 |
| 33 |

Primary Antenna

Other Antenna Cost Not Listed

| Name | Description |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Combiner Installation | Installation cost of the new dual chain combiner with 8 modules; replacing existing combiner. See Exhibit 2. |

Interim Antenna

New Antenna Costs

| Section | Question | Response |
|----------------------------|----------------------------------------------------------------------|----------------------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Lease New |
| | Ownership | Leased |
| | Owner | American Tower Corporation |
| | Is antenna shared? | Yes |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna | Class | Full Power |
| Manufacturer and Type | Mounting | Top Mount |
| | Antenna position in stack | Bottom |
| | Polarization | Elliptical |
| | Туре | Broadband Panel |
| | Number of Stations Supported | 5 |
| | Number of Panels/Bays | 56 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 650.00 MHz |
| | Design power capacity in use | 99.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 99.2 kW |
| | Manufacturer | |
| | Model | TUM-AP-O4- 14/56H-2-T 14 |

Interim Antenna

Other Antenna Costs

| Section | Question | Response |
|--------------------------------|-----------------------------------------------------------------------|---------------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |
| | Туре | New |
| | Number of channels supported | 5 |
| | Frequencies of channels supported | Upper and lower frequency |
| | Frequency | 470.0 MHz - 650.0 MHz |
| | Do you need a combiner output splitter /switcher for dual feed lines? | No |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | В |
| | Feed Line Size | 7 3/16 inches |

| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an antenna? | No |
|--------------------------|-------------------------------------------------------------------------------------------------------------|-----|
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Interim Antenna

Other Antenna Cost Not Listed

| Name | Description |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tower Rent | One-time tower rental during repack. See Exhibit 3. |
| Combiner Installation | Installation of combiner; Single chain of 5 high power constant impedance waveguide modules, and/or dual chains of 5 directional filter modules per Dielectric layout. required for broadband antenna system. See Exhibit 3. |

Transmission Section Response Question Line **Transmission Line** Do you have transmission line related Yes **Related Expenses** expenses?

| Primary | Existing Transmission Line | | | |
|---------------------|----------------------------------------|----------------------------------------------------------------------------|----------------------------------|--|
| Transmissio Line | n _{Section} | Question | Response | |
| 0 | Existing Transmission Line Description | Type of change | Utilize Existing | |
| | | Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Ownership | Leased | |
| | | Owner | American Tower Corporation | |
| | | Site | N/A | |
| | | Is the existing transmission line shared with another station or stations? | Yes | |
| | | Is Transmission Line in operating condition? | Yes | |
| | Existing Transmission | Manufacturer | Dielectric | |
| | Line Manufacturer and Type | Туре | Rigid | |
| | | Diameter | 8 3/16 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | Broadband | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 1440 feet per run | |

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 72098 | WGBX-TV |
| 25456 | WBZ-TV |
| 65684 | WCVB-TV |

Other Transmission Line Expenses Not Listed

| Primary Transmission Line | n Name | Description |
|---------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| | Refurbish Main Transmission Line | This cost is to refurbish existing 8-3/16" transmission line to be utilized by the new top mount antenna. See Exhibit 2. |
| | Nitrogen Generator | Nitrogen Generator. See Exhibit 14. |

New Transmission Line

| Interim | New Transmission Line | | |
|------------------|--------------------------------|-----------------------------------------|----------------------------------------------------------------|
| Transmissio Line | n _{Section} | Question | Response |
| Lino | New Transmission Line Costs | Use | Interim |
| | | Description of Use | N/A |
| | | Change Type | Lease New |
| | | Туре | Rigid |
| | | Diameter | 8 3/16 inches |
| | | Segment Length | Broadband |
| | | Other Segment Length | |
| | | Number of parallel runs | 2 |
| | | Length | 1250 feet per run |
| | | Justification for New Transmission Line | Material cost for two (2) 8-3 /16" Broadband rigid |

| transmission |
|----------------|
| lines, six (6) |
| elbows (3 |
| each line) |
| and a |
| nitrogen |
| generator for |
| pressurization |
| control on the |
| dual lines. |

Interim Other Transmission Line Expenses Not Listed

| Transmission | ¹ Name | Description |
|--------------|--------------------|-------------------------------------|
| | Nitrogen Generator | Nitrogen Generator. See Exhibit 15. |

Tower Equipment And Rigging Costs

| Section | Question | Response |
|---------------------------------------------|-------------------------------------------------------|----------|
| Tower Equipment or Rigging Costs Changes | Do you have tower equipment or rigging costs changes? | Yes |

Auxiliary Tower

Add Tower

| Section | Question | Response |
|--------------------------------|---------------------------------------------------------|-----------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Auxiliary (Backup) |
| | Description of Use | Interim |
| | Ownership | Leased |
| | Is this tower consider Complex? | Candelabra |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | Unknown |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower | Do you have a tower registration number? | Yes |
| Structure Registration | ASR Number | 1004233 |
| Coordinates (NAD83 (| Latitude (NAD83) | 42° 18' 10.7" N- |
| North American Datum of 1983)) | Longitude (NAD83) | 071° 13' 04.9" W- |
| | Overall Structure Height | 1200.77 feet |
| | Support Structure Height | 1101.04 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 150.92 feet |
| | Structure Type | GTOWER - Guyed |

| | Structure Used for Communication Purposes |
|------------------|-------------------------------------------|
| Tower Owner | American Towers, LLC |
| Date Constructed | 04/19/2005 |

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

| Call Sign | Service |
|-----------|--------------------------|
| WLVI | DTV |
| WFXT | DTV |
| WODS | FM |
| WBMX | FM |
| WBOS | FM |
| WBZ-FM | FM |
| | WLVI WFXT WODS WBMX WBOS |

Auxiliary Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|------------------------------------------------------------|-----------------------------------|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Minor Reinforcements needed |

Auxiliary Tower

Tower Rigging Costs

| Section | Question | Response |
|---------------------|---------------|------------|
| Tower Rigging Costs | Complex Tower | Candelabra |

| Helicopter Services | |
|----------------------------|--|
| Required | |

Are helicopter services required?

No

Auxiliary Tower

Other Tower Expenses Not Listed

| Name | Description |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction Management | Nine hours on Modification project management and fifteen hours for RF installation project management for a total of twenty days. See Exhibit 3. |
| Tower Permit Packages | Tower and ground equipment drawing package. Required for local approvals. See Exhibit 3. |

Primary Tower

Existing Tower

| Section | Question | Response |
|--------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower | Do you have a tower registration number? | Yes |
| Structure Registration | ASR Number | 1003433 |
| Coordinates (NAD83 (| Latitude (NAD83) | 42° 18' 37.0" N- |
| North American Datum of 1983)) | Longitude (NAD83) | 071° 14' 12.0" W- |
| | Overall Structure Height | 1296.24 feet |
| | Support Structure Height | 1192.24 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 152.89 feet |
| | Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| | Tower Owner | American Tower, LLC |
| | Date Constructed | 01/01/1957 |

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

| Facility ID | Call Sign | Service |
|-------------|-----------|---------|
| 10542 | WKLB-FM | FM |
| 65684 | WCVB-TV | DTV |
| 68241 | WBUR-FM | FM |
| 18783 | WYDN | DTV |
| 25456 | WBZ-TV | DTV |
| 72098 | WGBX-TV | DTV |
| 72099 | WGBH-TV | DTV |

Primary Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|------------------------------------------------------------|-----------------------------------|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Minor Reinforcements needed |

Primary Tower

Tower Rigging Costs

| Section | Question | Response |
|---------------------------------|-----------------------------------|----------|
| Tower Rigging Costs | Complex Tower | Other |
| Helicopter Services Required | Are helicopter services required? | No |

Primary Tower

Other Tower Expenses Not Listed

| Name | Description |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Tower Permit Packages | Construction drawing packages for tower, building, and ground. See Exhibit 2. |
| Construction Management | (44) hours on Modification project management and RF installation project management. See Exhibit 2. |

Outside Professional Services Costs

| Section | Question | Response |
|-----------------------------------------------|------------------------------------------------------------------------------|-----------------------------------|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 250 |
| | Explanation | Company lacks internal resources. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 1 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting | Prepare and file Form FCC Construction Permit Application | No |
| Services | For Auxiliary Facility | N/A |
| | For Main Facility | N/A |
| | Prepare and file Form FCC License to Cover Application | No |
| | For Auxiliary Facility | N/A |

| | For Main Facility | N/A |
|----------------------------------|--------------------------------------------------------------------------------------------|-----|
| | Prepare request for Special Temporary Authority | No |
| | Quantity | N/A |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | No |
| | FAA Consultation (including preparation of FAA Form 7460) | No |
| | Negotiation of Lease and other Matter for Shared Locations | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | No |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Other Professional Services Expenses Not Listed

Outside Professional Services Costs

| Name | Description | | | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| RF System Test | Testing of the combiner to ensure all frequencies are tuned for optimal patterns. See Exhibits 2 and 3. | | | |
| Site Coordination Meeting | Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. (See Exhibit 2.) | | | |

Other Expenses

| Section | Question | Response |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | No |
| | Is Remediation needed? | No |
| Facility Expenses | Name | N/A |
| | Other Distributed Transmission System Expenses Not listed | N/A |
| | Name | N/A |
| | Is Notification of a Medical Facility required as a result of DTV broadcasting? | Yes |
| Permit and Filing Costs | Local Zoning | No |
| | Non-zoning permits | Yes |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | No |
| | FCC Special Temporary Authority Application | Yes |
| Other Miscellaneous Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | No |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | Does this relocation require Equipment Storage? | No |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | No |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

Other Expenses

Other Expenses Not Listed

| Name | Description |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Asbestos and Lead Paint Testing | Asbestos testing, removal and abatement for walls which could contain lead paint and /or the flooring may contain asbestos, because of the age of the facility and the era when the original construction took place. (See Exhibit 3.) |
| Building Partition | This cost is to provide permitting for building partition and electrical service installation in the shared space. This install is to provide security for broadcasters and sufficient power for transmitters. See Exhibit 3. |
| Ice Shield for HVAC | Ice protection for HVAC compressor units near tower in areas prone to ice and snow. See Exhibit 3. |
| Public Hearing | Public hearing to alter height of primary tower by changing top antenna. See Exhibit 2. |
| Site Coordination Meeting | Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. See Exhibits 2 and 3. |
| Site Security | Site security for installation and storage of Transmission line and materials for 30 days X 12 hours. These materials are a high risk of theft due to the material makeup such as copper, brass and aluminum. (See Exhibit 3.) |
| Deinstall Old Transmitter | Complete removal and deinstallation of existing WSBK transmitter. See Exhibit 1 Item F. |

Cost Information

Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|-----------------------------------------------------------|--------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|
| Interim Transmitter UAXTE- 16R44 | \$407,677.34 | \$321,637.34 | | \$91,252.45 | |
| New Sub Panels | \$10,000.00 | \$10,000.00 | Four new 200 amp sub panels to power additional transmitter, house power, HVAC, and ancillary equipment. See Exhibit 3. | N/A | N/A |
| 4 Inch Conduit | \$1,920.00 | \$1,920.00 | 100' L/F of 4" conduit and larger conductor for 500 KVA power needed for the new transmitters, HVAC, Air handlers and house power. The existing power supply is for the additional power demands of the new repack equipment. See Exhibit 3. | N/A | N/A |
| Other HVAC Service Type: C Size:20 (Other) | \$22,000.00 | \$22,000.00 | Two 20 ton HVAC units required to maintain operational temperatures for repack transmitters. This | N/A | N/A |

| | | | is to supplement existing HVAC units already in place. See Exhibit 3. | | |
|-----------------------------------------------------------------------------------------------------------------------|--------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------|
| Other Electrical Service: Transformer and surge suppressor required for transmitter operation. See Exhibit 7, Item D. | \$4,226.37 | \$4,226.37 | Transformer and surge suppressor. Required for proper operation of transmitter. See Exhibit 7 Item D. | N/A | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$1,000.00 | 200 L/F of 2" conduit and conductor to adequately supply the HVAC, Air handlers and House power. The existing power supply is inadequate for the additional power demands of the new repack equipment. See Exhibit 3. | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 7.68 kW | \$263,330.97 | \$263,330.97 | Originally proposed UAXTE-12R44 is said to be incapable of operating on both pretransition and post-transition channels. See Exhibit 12 for justification. See also Exhibit 7 Items A, B, C, and E. | \$91,252.45 | Corrected metadata (invoice and due dates) March 1, 2018. |

| | | | Exhibit 3. | | |
|--------------|----------------------|-------------------|--------------------------------|------|------|
| | | | antenna. See | | |
| | | | broadband | | |
| | | | into the | | |
| | | | repack frequency | | |
| | | | or the new | | |
| | | | exchangers and other equipment | | |
| | | | transmitter, heat | | |
| | | | operate | | |
| | | | customer can | | |
| | | | space so | | |
| KVA | | | new tenant | | |
| /480v - 500 | | | transformer, for | | |
| 3 phase | | | power, 500 KVA | | |
| Transformer | \$48,400.00 | \$9,200.00 | Install additional | N/A | N/A |
| | | | | | |
| | | | Exhibit 3. | | |
| | | | transmitters. See | | |
| | | | support multiple | | |
| | | | capacity to | | |
| | | | sufficient | | |
| | | | does not have | | |
| | | | existing service | | |
| | | | transformer. The | | |
| | | | 500 KVA | | |
| | | | support the new | | |
| 800 amp | | | repack equipment and | | |
| - industrial | | | accommodates | | |
| Switchgear | \$38,200.00 | \$7,260.00 | Switchgear | N/A | N/A |
| O ital | # 20, 222, 22 | Ф 7 000 00 | Outled | N1/A | N1/A |
| | | | Exhibit 3. | | |
| | | | transmitters. See | | |
| | | | support multiple | | |
| | | | capacity to | | |
| | | | sufficient | | |
| | | | does not have | | |
| | | | existing service | | |
| | | | transformer. The | | |
| | | | 500 KVA | | |
| | | | support the new | | |
| volt | | | switch will | | |
| amp/208 | | | equipment. The | | |
| phase/800 | | | additional repack | | |
| | | | additional rangels | | |
| entrance 3 | | | required for the | | |

Primary Transmitter UAXTE- \$261,930.23

\$261,930.23

\$94,743.41

12R44

| Sub-total Total for all systems | \$669,607.57 \$4,530,934.57 | \$583,567.57 \$1,600,744.57 | N/A N/A | \$185,995.86 \$188,770.86 | N/A N/A |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------|------------|
| Other Electrical Service: Surge suppressor and 75 kVa transformer. Required by primary transmitter. See Exhibit 1 Item D. | \$5,552.76 | \$5,552.76 | 75 KVA transformer and parallel surge suppressor. Required for proper operation of the transmitter. | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 7.2 kW | <i>\$256,377.47</i> | \$256,377.47 | Primary transmitter required for repack. See Exhibit 1, items A, B, C, and E. | \$94,743.41 | N/A |

Components

| Actual Information Description | File Name |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| New Sub Panels | Information not provided. |
| 4 Inch Conduit | Information not provided. |
| Other HVAC Service Type: C Size:20 (Other) | Information not provided. |
| Other Electrical Service: Transformer and surge suppressor required for transmitter operation. See Exhibit 7, Item D. | Information not provided. |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| UHF - Air Cooled Solid State Transmitter 7.68 kW | |

| | Component Description: | WSBK Interim Transmitter Down Payment. |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------|
| | Amount: | \$91,252.45 |
| Service entrance 3 phase /800 amp/208 volt | Information not provided. | |
| Switchgear - industrial 800 amp | Information not provided. | |
| Transformer 3 phase/480v - 500 KVA | Information not provided. | |
| UHF - Air Cooled Solid State Transmitter 7.2 kW | Component Description: | WSBK Primary Transmitter Down Payment. See Exhibit 8. |
| | Amount: | \$94,743.41 |
| Other Electrical Service: Surge suppressor and 75 kVa transformer. Required by primary transmitter. See Exhibit 1 Item D. | Information not provided. | |

Cost Information

Antennas

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|
| Interim Antenna TUM-AP- O4-14/56H- 2-T 14 | \$252,167.00 | \$289,447.00 | | \$0.00 | |
| Tower Rent | <i>\$57,600.00</i> | \$57,600.00 | One-time interim tower rental for repack period. | N/A | N/A |
| UHF - High Power Top Mount Five Station broadband panel antenna elliptically or circularly polarized | \$76,787.00 | \$76,787.00 | New Antenna and assembly mast. Stack will be placed directly onto existing center tower section and require a short pedestal of height. See Exhibit 15. | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$3,000.00 | RF system testing for two (2) lines and one (1) antenna. See Exhibit 3. | N/A | N/A |
| Combiner Installation | \$10,000.00 | \$10,000.00 | Installation of combiner; Single chain of 5 high power constant impedance waveguide modules, and /or dual | N/A | N/A |

| | | | chains of 5 directional filter modules per Dielectric layout. See Exhibit 15. | | |
|---------------------------------------------------------------------------------------------------|----------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|
| Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed) | \$16,850.00 | \$6,660.00 | Two (2) Elbow complex for the input of the new Broadband antenna. See Exhibit 14. | N/A | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$135,400.00 | Dual chains of mask filter /combiner modules per Dielectric layout. Includes input power dividers and output switching to allow transmitter alignment /testing not otherwise available. Eliminates need for mask filter. See Exhibit 15. | N/A | N/A |
| Primary Antenna TUM-AP- O4-14/56H- 2-T | \$1,211,130.00 | \$244,000.00 | | \$0.00 | |
| Sweep test of existing antenna | \$6,730.00 | \$5,000.00 | RF System Testing. See Exhibit 2. | N/A | N/A |
| UHF - High Power Top Mount | \$1,090,000.00 | \$126,250.00 | TUM-AP-O4- 14/56H-2-T Top Mount 14 | N/A | N/A |

| (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized | | | bay Broadband antenna, with 56 elements total, required to accommodate the new repack frequencies. This antenna will be a four- sided assembly mast. See Exhibit 14. | | |
|-------------------------------------------------------------------------------------------|----------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$91,500.00 | Constant impedance waveguide modules, and /or dual chains of 4 directional filter modules per Dielectric layout. Eliminates need for transmitter mask filter. See Exhibit 14. | N/A | N/A |
| Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed) | \$18,950.00 | \$10,000.00 \$11,250.00 | Elbow complex for top mount antenna being used for repacked stations aux antenna. See Exhibit 14. | N/A | N/A |
| Installation | | | dual chain combiner. See Exhibit 14. | | |
| Sub-total | \$1,463,297.00 | \$533,447.00 | N/A | \$0.00 | N/A |

Total for \$4,530,934.57 \$1,600,744.57 N/A \$188,770.86 N/A **all**

systems

Components

Transmission Line

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|------------------------------------------------------|--------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|
| Interim Transmission Line | \$1,000,500.00 | \$87,900.00 | | \$0.00 | |
| Nitrogen Generator | \$3,000.00 | \$3,000.00 | Nitrogen Generator Upgrade. See Exhibit 15. | N/A | N/A |
| Rigid Transmission Line - copper, 8 3 /16" broadband | \$997,500.00 | \$84,900.00 | Material cost for two (2) 8 3 /16" Broadband rigid transmission lines, six (6) elbows (3 each line) and a nitrogen generator for pressurization control on the dual lines. Cost shared with other stations. See Exhibit 15. | N/A | N/A |
| Primary Transmission Line | \$51,750.00 | \$51,750.00 | | \$0.00 | |
| Nitrogen Generator | \$3,000.00 | \$3,000.00 | Nitrogen Generator Upgrade. See Exhibit 14. | N/A | N/A |
| Refurbish Main Transmission Line | \$48,750.00 | \$48,750.00 | This cost is to refurbish existing 8-3 /16" | N/A | N/A |

| | | | new top mount antenna. See Exhibit 14. | | |
|-----------|----------------|--------------|-------------------------------------------------|--------|-----|
| Sub-total | \$1,052,250.00 | \$139,650.00 | N/A | \$0.00 | N/A |

Components

Tower Equipment and Rigging Costs

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost |
|---------------------------------------------------------------------------------------|--------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| Auxiliary Tower GTOWER | \$604,000.00 | \$90,180.00 | | \$0.00 | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$55,900.00 | This candelabra is classified as complex structure. The cost includes the installation of the new antenna, two transmission lines and all the required tower brackets. See Exhibit 15. | N/A | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$17,500.00 | It is expected that the additional loads imposed on the tower by the new appurtenances required for the repack project will cause the tower to fail. The structural failure is expected to be in the minor category. See Exhibit 15. | N/A | N/A |
| Structural engineering tower load | \$12,600.00 | \$4,380.00 | Structural tower mapping to ensure the | N/A | N/A |

| study for well documented tower | | | proper structural information is relayed to engineering for proposed repack equipment. Rigorous Structural analysis to access the structural capacity and modifications needed. See Exhibit 15. | | |
|---------------------------------------|--------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|
| Tower Permit Packages | \$9,400.00 | \$9,400.00 | Prepare tower, building, and ground drawings for local permits and approvals. Required to support required modifications needed for repack. See Exhibit 3. | N/A | N/A |
| Construction Management | \$3,000.00 | \$3,000.00 | 9 hours on Modification project management and 15 hours for RF installation project management for a total of 20 days. See Exhibit 3. | N/A | N/A |
| Primary Tower GTOWER | \$606,250.00 | \$122,660.00 | | \$0.00 | |
| Construction Management | \$5,250.00 | \$5,250.00 | (44) hours on Modification project | N/A | N/A |

| | | | management and RF installation project management. See Exhibit 14. | | |
|---------------------------------------------------------------------------------------|-------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$74,250.00 | Tower has stacked antennas and is thus a complex structure. (Disregard other parts of form would accept that answer.) Cost includes antenna installation, transmission lines and transmission line brackets. See Exhibit 14. | N/A | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$8,760.00 | Structural mapping, analysis, and engineering needed to accommodate the repacked equipment. See Exhibit 14. | N/A | N/A |
| Tower Permit Packages | <i>\$9,400.00</i> | \$9,400.00 | Generation of tower, building, and ground drawing packages required for local permits. See Exhibit 2. | N/A | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$25,000.00 | Additional loads imposed on the tower | N/A | N/A |

by the new appurtenances required for the repack project will cause the tower to fail. The structural failure is expected to be in the minor category. See Exhibit 2.

| Sub-total | \$1,210,250.00 | \$212,840.00 | N/A | \$0.00 | N/A |
|-----------------------|----------------|----------------|-----|--------------|-----|
| Total for all systems | \$4,530,934.57 | \$1,600,744.57 | N/A | \$188,770.86 | N/A |

Components

Outside Professional Services

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|-----------------------------------------------------------------------------|--------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|
| Outside Professional Services | \$70,485.00 | \$72,500.00 | | \$2,775.00 | |
| Site Coordination Meeting | \$2,000.00 | \$2,000.00 | Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. (See Exhibit 14.) | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| RF System Test | \$8,000.00 | \$8,000.00 | Testing of the combiner to ensure all | N/A | N/A |

| | | | frequencies are tuned for optimal patterns. (See Exhibits 2 and 3.) | | |
|-------------------------------------------------------------------------------------------------------|----------------|----------------|--------------------------------------------------------------------------------------------------------|--------------|-----|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$2,000.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$10,500.00 | Perform engineering study for new channel assignment and antenna development. (See Exhibits 2 and 3.) | \$775.00 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$4,500.00 | Coordination and transition planning with all parties onsite. (See Exhibits 2 and 3) | N/A | N/A |
| Project management of the transition | \$39,500.00 | \$37,500.00 | Company lacks sufficient resources. | N/A | N/A |
| Sub-total | \$70,485.00 | \$72,500.00 | N/A | \$2,775.00 | N/A |
| Total for all | \$4,530,934.57 | \$1,600,744.57 | N/A | \$188,770.86 | N/A |

Components

| Actual Information Description | File Name | | |
|-----------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------|--|
| Site Coordination Meeting | Information not provided. | | |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. | | |
| Prepare request for Special Temporary Authorization | Information not provided. | | |
| RF System Test | Information not provided. | | |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. | | |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | Find "work around" to Canadian coordination. See Exhibit 13 for a revised invoice showing dates worked. \$550.00 | |
| | Component Description: Amount: | Final interference study and CP Application - Engineering Section. \$1,450.00 | |
| Perform engineering study for new channel assignment and antenna development | Component Description: Amount: | Preliminary Interference study of initial channel assignment. \$775.00 | |
| | Amount: | \$115.UU | |

| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |
|----------------------------------------------------------------------------------|---------------------------|
| Project management of the transition | Information not provided. |

Other Expenses

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---------------------------------|--------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|
| Other Expenses | \$65,045.00 | \$58,740.00 | | \$0.00 | |
| Deinstall Old Transmitter | <i>\$16,100.00</i> | \$16,100.00 | Deinstall and remove old WSBK transmitter. See Exhibit 1 Item F. | N/A | N/A |
| Site Security | \$3,600.00 | \$3,600.00 | Site security for installation and storage of Transmission line and materials for 30 days X 12 hours. These materials are a high risk of theft due to the material makeup such as copper, brass and aluminum. (See Exhibit 3.) | N/A | N/A |
| Site Coordination Meeting | \$1,760.00 | \$1,760.00 | Site coordination meetings with tower owner, all broadcasters, contractors and vendors involved with the site deliveries and construction. | N/A | N/A |

| | | | This cost is for travel and logistics expenses accrued. See Exhibit 2. | | |
|----------------------------------------------|-------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| Public Hearing | \$440.00 | \$440.00 | Public hearing cost (See Exhibit 3.) | N/A | N/A |
| Ice Shield for HVAC | \$4,000.00 | \$4,000.00 | Ice protection for HVAC compressor split units placed in close proximity of tower in areas prone to ice and snow. See Exhibit 3. | N/A | N/A |
| Building Partition | \$1,800.00 | \$1,800.00 | This cost is to provide permitting for building partition and electrical service installation in the shared space. This install is to provide security for broadcasters and sufficient power for transmitters. See Exhibit 3. | N/A | N/A |
| MVPD Notification of Channel Change | \$1,000.00 | \$1,000.00 | N/A | N/A | N/A |
| Equipment Delivery and | \$21,300.00 | \$21,300.00 | This cost is for the | N/A | N/A |

| Handling Charges | | | material /equipment, delivery and offloading by transmitter manufacturer, and third party contractors. (See Exhibits 1, 2, 3, and 7.) | | |
|-----------------------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| Asbestos and Lead Paint Testing | \$1,800.00 | \$1,800.00 | Asbestos testing, removal and abatement for walls which could contain lead paint and /or the flooring may contain asbestos, because of the age of the facility and the era when the original construction took place. (See Exhibit 3.) | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| Non-zoning permits | \$1,500.00 | \$1,500.00 | The cost of preparation and submission of the needed forms for permits required for electrical, building | N/A | N/A |

| | | | permits. (See Exhibits 2 and 3.) | | |
|-----------------------------------------|----------------|----------------|----------------------------------------|--------------|-----|
| DTV Medical Facility Notification | \$11,550.00 | \$5,250.00 | See Exhibit 5 | N/A | N/A |
| Sub-total | \$65,045.00 | \$58,740.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$4,530,934.57 | \$1,600,744.57 | N/A | \$188,770.86 | N/A |

Components

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$4,530,934.57 | \$1,600,744.57 | \$188,770.86 |

| Reimbursem | envestion | Response |
|------------|-------------------------------------------------------------------------------------|----------|
| Status | The facility has ceased operating on its pre- auction channel. | No |
| | Construction of final facilities or all necessary modifications are complete. | No |
| | All receipts for reimbursement have been submitted no further costs are expected to | No |

be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the

signal of a broadcaster that changes channels (MVPD).

- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Andrew J. Siegel Assistant Secretary

03/01/2018

Attachments